

FIG. 1

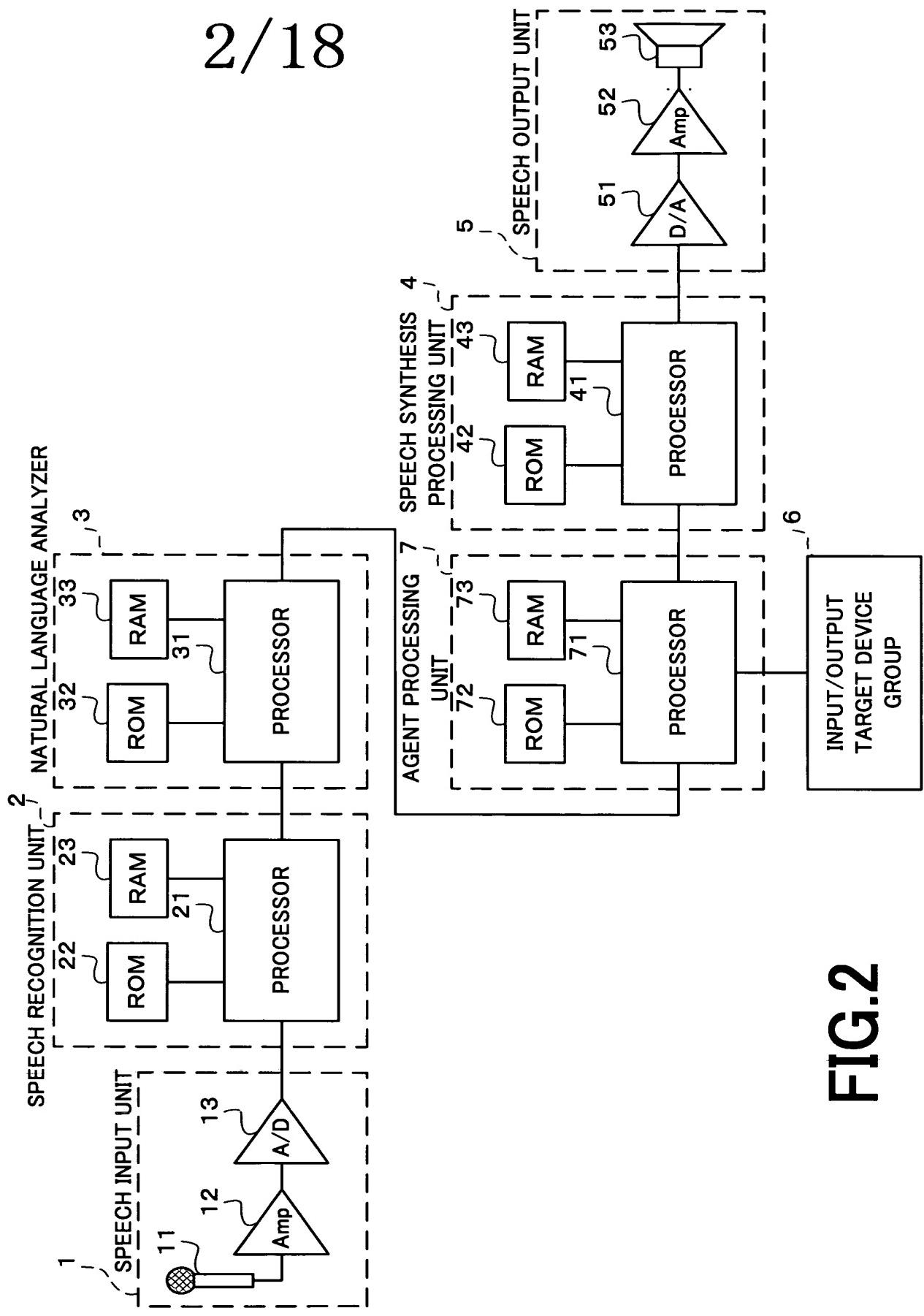


FIG.2

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FIG. 3

RECOGNIZED WORDS	CATEGORIES			
	EATING	HOSPITAL	TRAVEL	NAVIGATION SETTING
"HETTA"	○			
"SUITA"	○			
"ONAKA"	○	○		
"EAT"	○			
"GO"	○	○	○	○
"SETTING"	○	○		○
"SOMEPLACE"	○	○	○	○
"WHERE"	○			
"EATING"	○			
"HURT"		○		
"HOSPITAL"		○		
"GOAL"				○

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TRIGGER ACQUISITION PROCESS	TRANSITION CONSTANT k
SYMBOL : TG	
TG00 : "NOT INTERESTING"	0.7
TG01 : "EATING"	0.8
TG51 : "JAPANESE FOOD"	0.5
TG52 : "WESTERN FOOD"	0.5
TG53 : "CHINESE FOOD"	0.5
:	:

FIG.4A

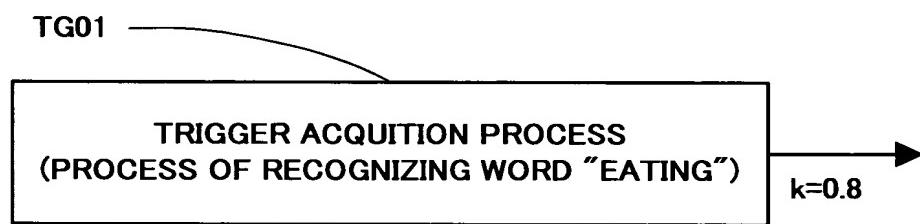
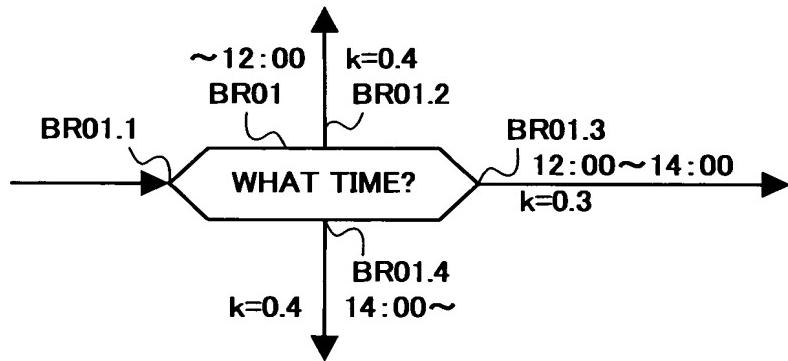


FIG.4B

DISCRIMINATION PROCESS	TRANSITION CONSTANT k
SYMBOL : BRxx	
BR01 : WHAT TIME?	
~12 : 00	: 0.4
12 : 00~14 : 00	: 0.3
14 : 00~	: 0.4

## FIG.5A



## FIG.5B

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DETERMINATION PROCESS (INQUIRY MADE)	TRANSITION CONSTANT k
SYMBOL : QBxx	
QB01 : GO EATING?	Yes : 0.7 No : 0.4
QB02 : THEN, GO TO CONVENIENCE STORE?	Yes : 0.5 No : 0.3
⋮	⋮

FIG.6A

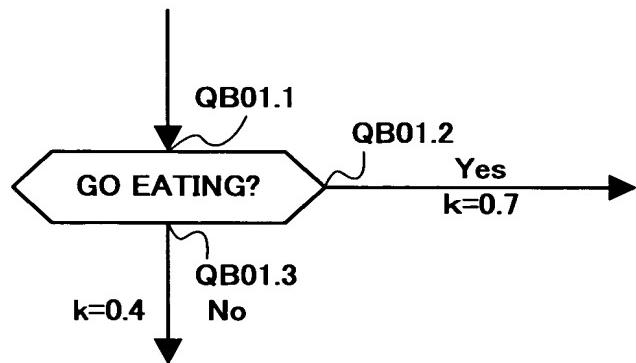


FIG.6B

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OUTPUT PROCESS	TRANSITION CONSTANT k
SYMBOL : EXxx, SPxx	
EX02 : NAVIGATION GUIDE	0.8
⋮	⋮
SP02 : GUIDE FOR CONVENIENT STORE	0.8
SP03 : DRIVE CAREFULLY	0.8
⋮	⋮

FIG.7A

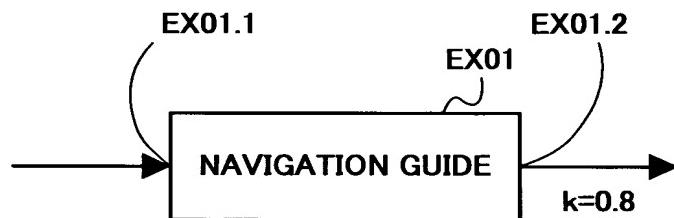
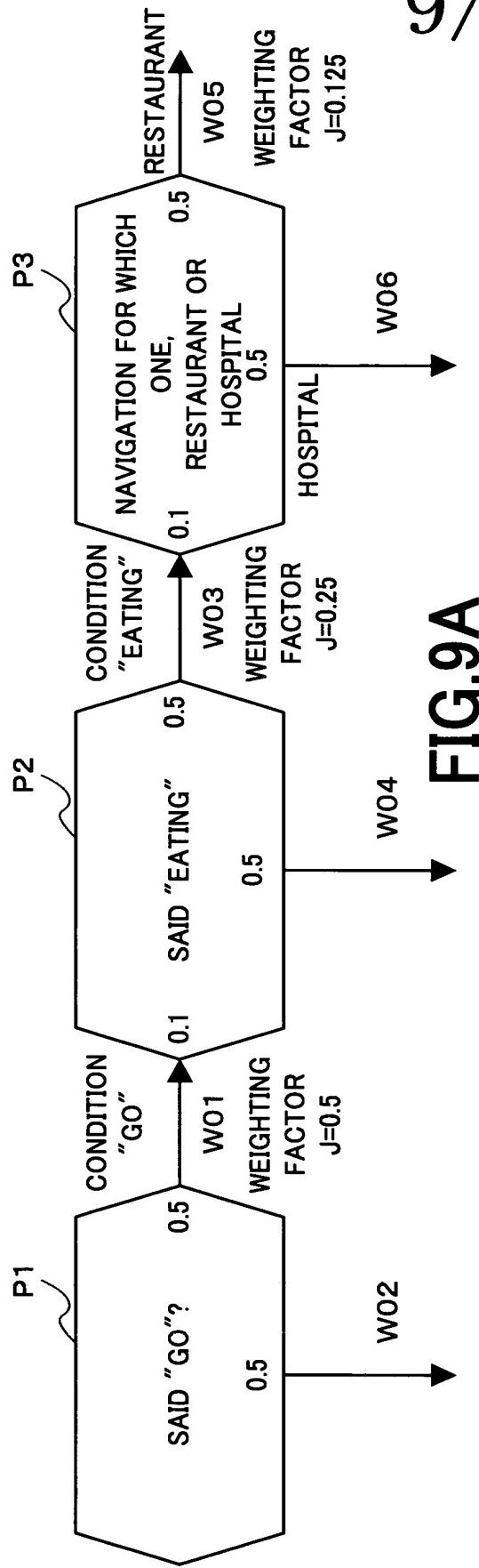


FIG.7B

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FIG. 8

WIRE NUMBER	PRECEDING NODE	FOLLOWING NODE	WEIGHTING FACTOR J
W1 =	From (TG01.1)	To (CN01.1),	1.0
W2 =	From (CN01.3)	To (EX01.1),	0.5
W3 =	From (CN01.2)	To (QB01.1),	0.5
W4 =	From (TG02.2)	To (EX03.1),	1.0
W5 =	From (QB01.3)	To (EX03.1),	0.5
W6 =	From (QB01.2)	To (EX02.1),	0.5
W7 =	From (EX02.2)	To (TG03.3),	0.5
		:	



WHEN PROCESS IS IN P1	WHEN PROCESS IS IN P2	WHEN PROCESS IS IN P3
W01 = 0.5	W01 = 0.1	W01 = 0.01
W02 = 0.25	W02 = 0.5	W02 = 0.1
W03 = 0.125	W03 = 0.25	W03 = 0.5
W04 = 0.25	W04 = 0.5	W04 = 0.05
W05 = 0.125	W05 = 0.25	W05 = 0.5

C-1                    C-2                    C-3

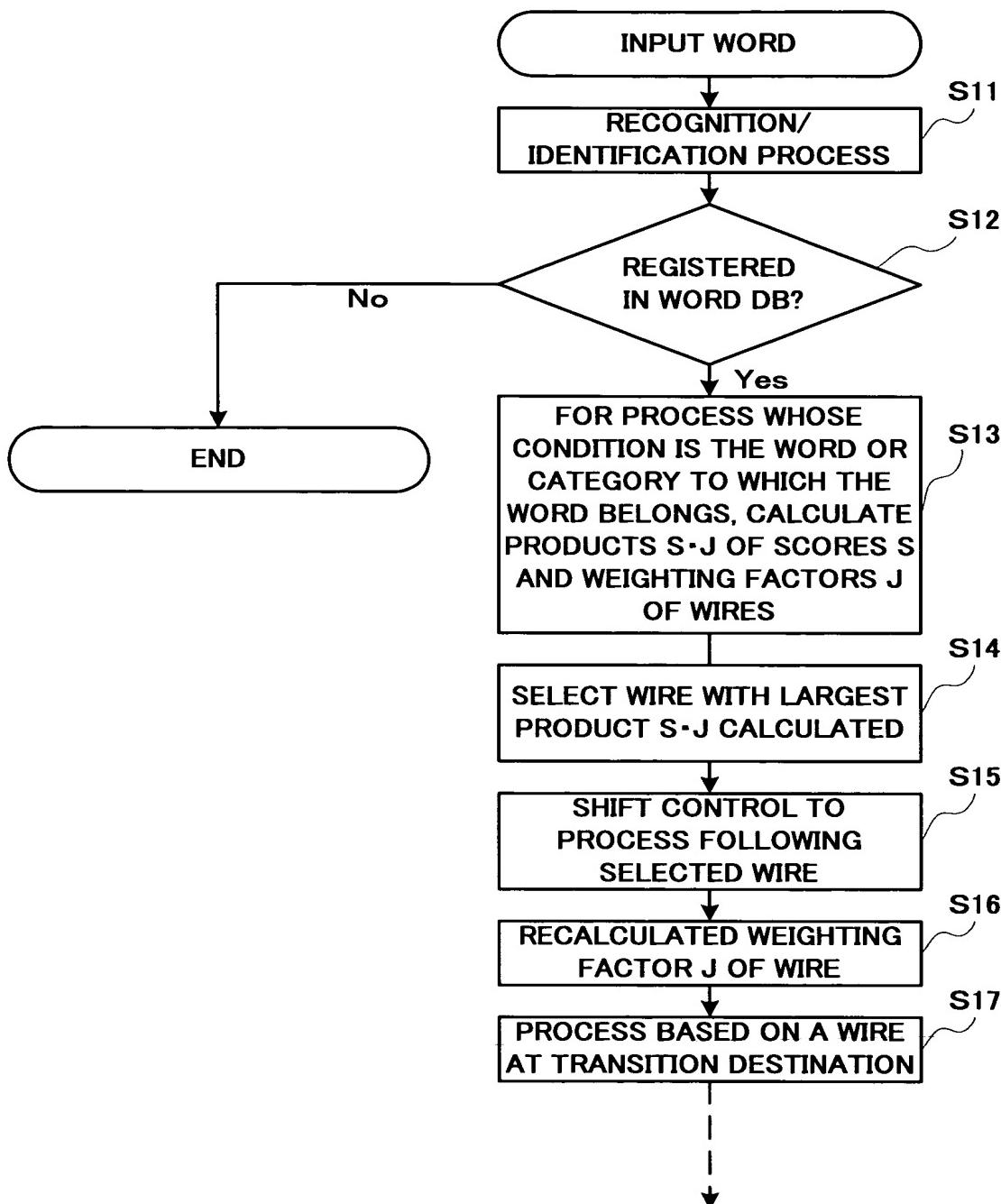
WEIGHTING FACTOR J=0.25	WEIGHTING FACTOR J=0.125	WEIGHTING FACTOR J=0.05
W01	W01	W01
W02	W02	W02
W03	W03	W03
W04	W04	W04
W05	W05	W05

C-1                    C-2                    C-3

**FIG.9B****FIG.9C**

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FIG. 10



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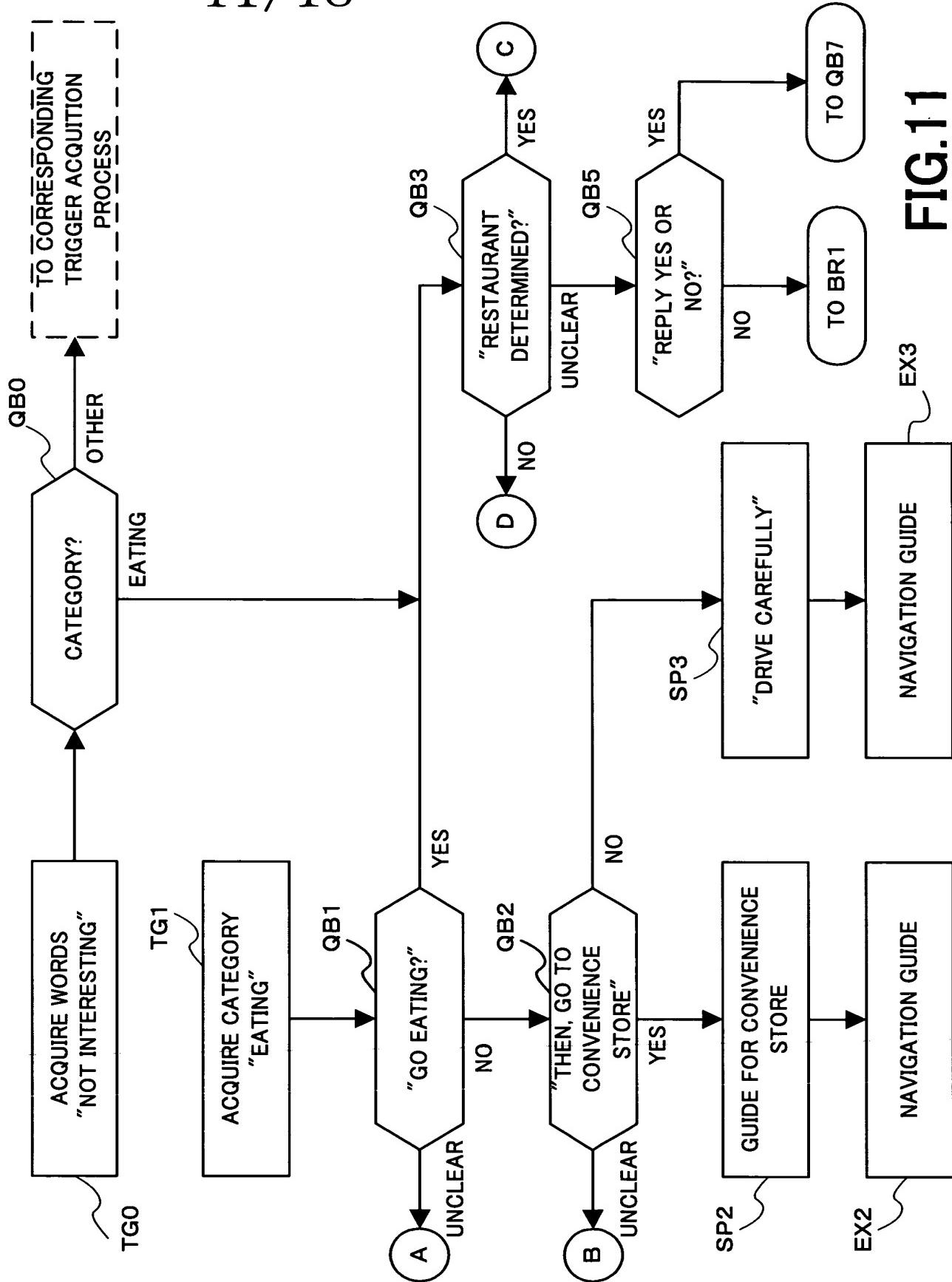


FIG. 11

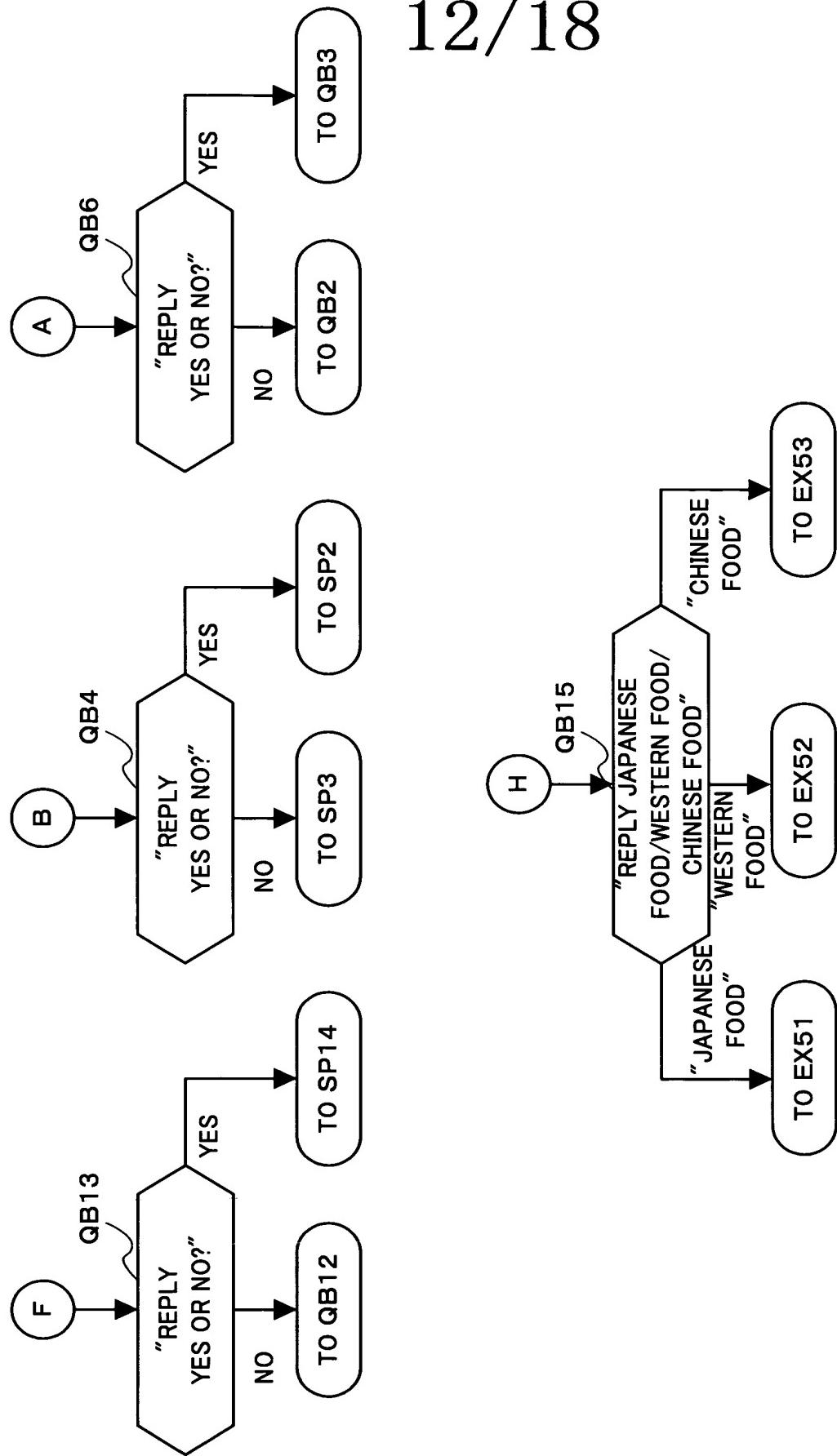


FIG.12

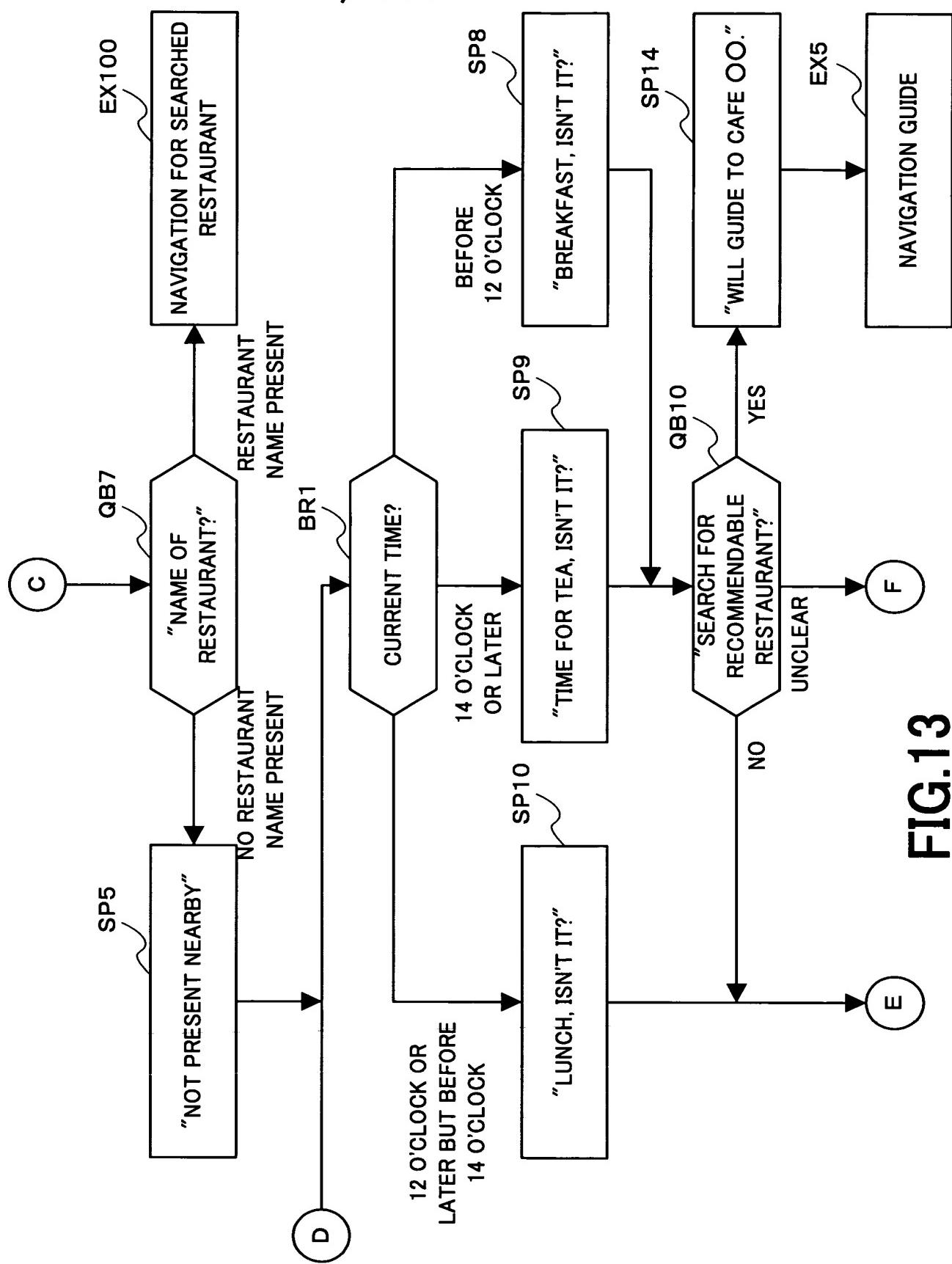
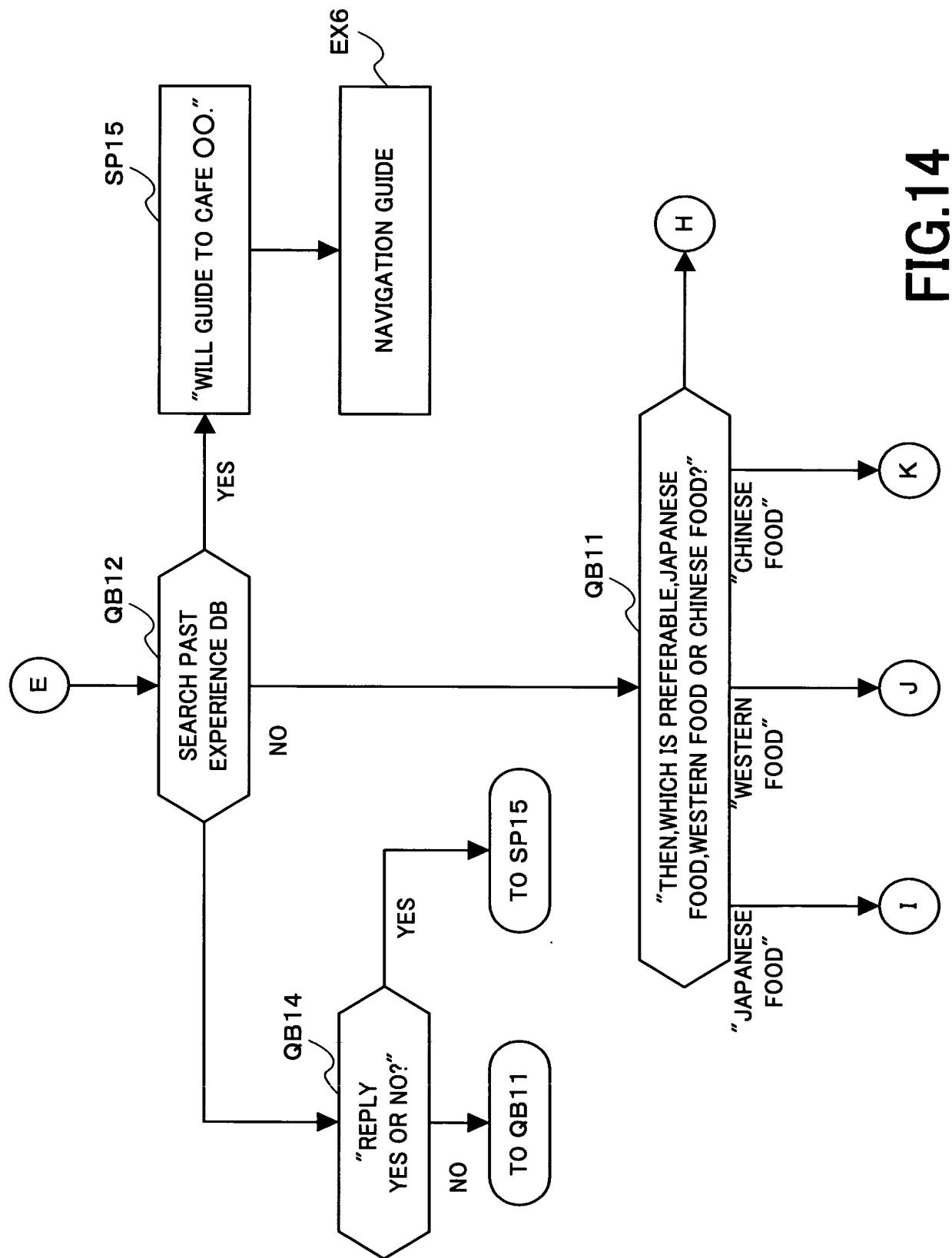
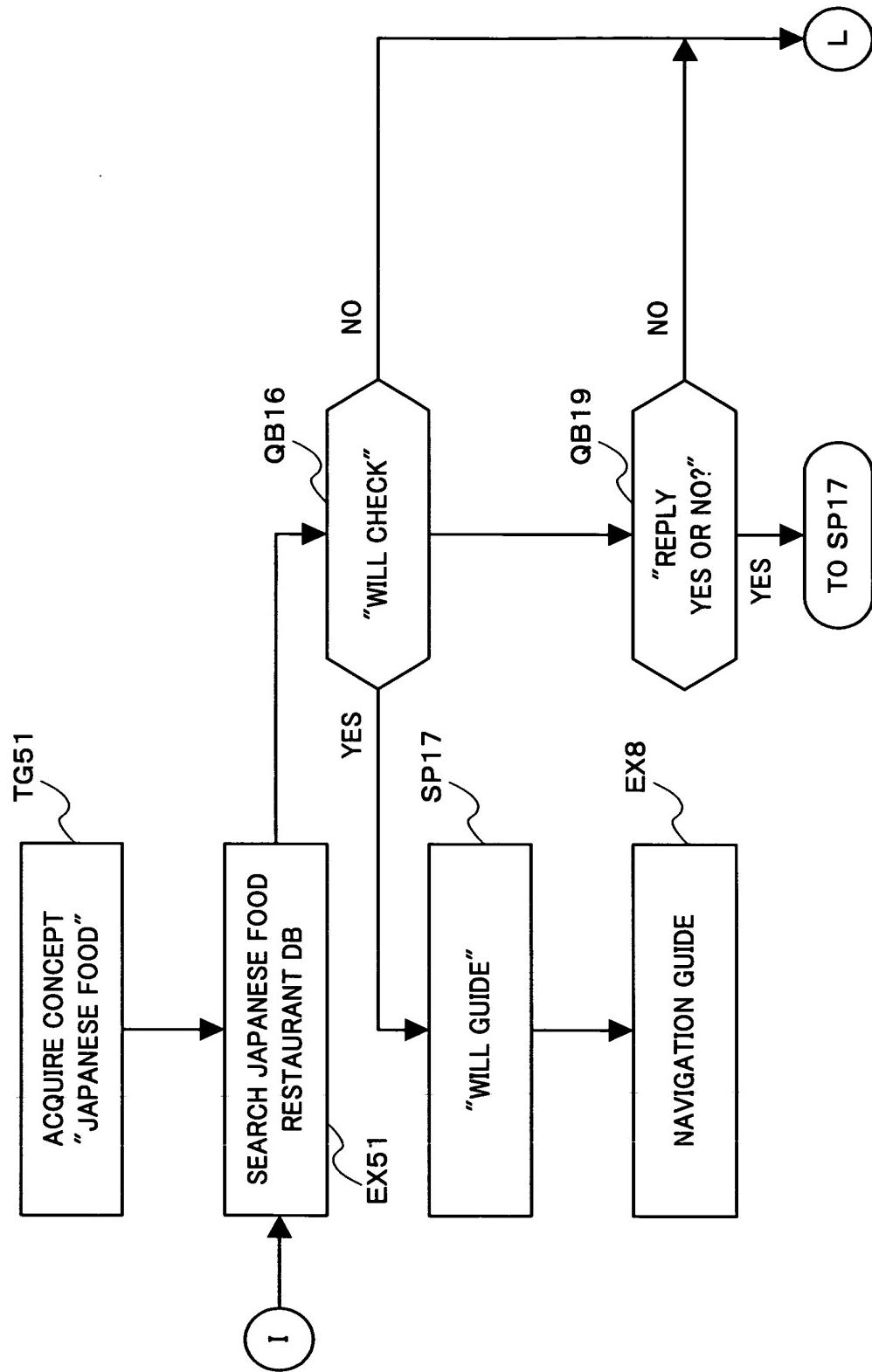


FIG. 13



**FIG. 15**

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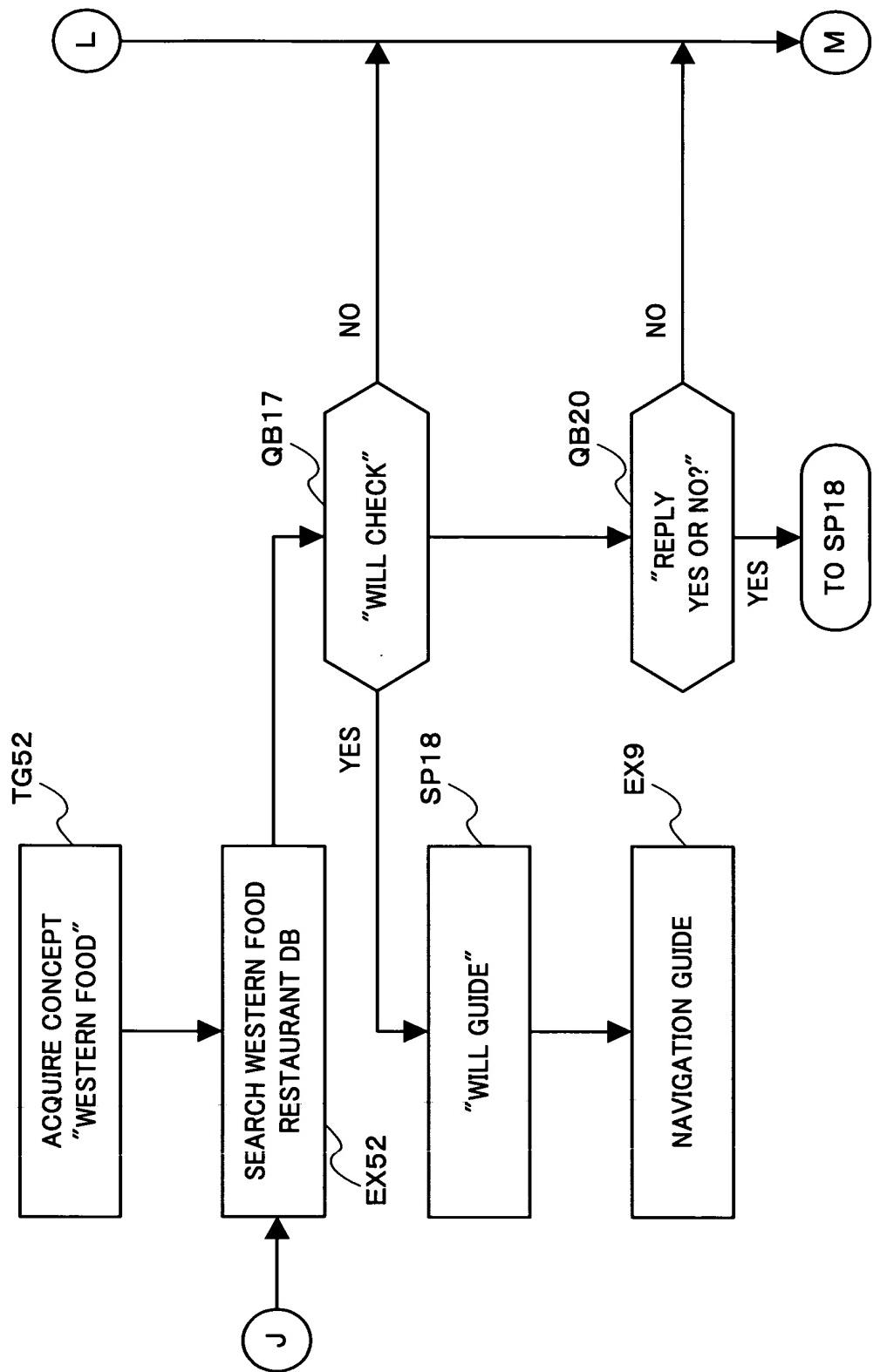


FIG.16

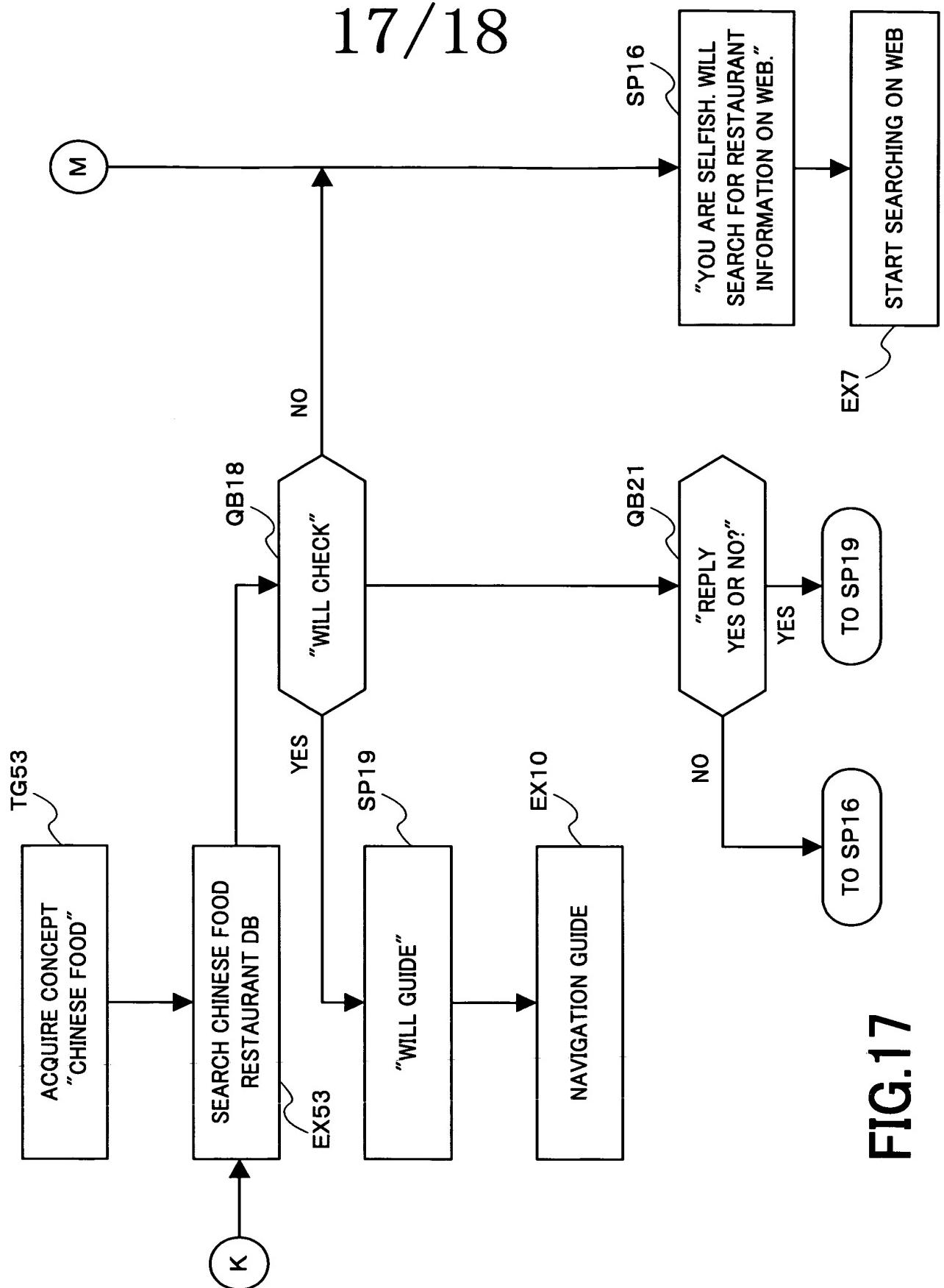


FIG. 17

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FIG. 18

	"ONAKA"	"SOMEPLACE"	"GOAL"
"HETTA"	EATING	EATING	
"HURT"	HOSPITAL	HOSPITAL	
"SETTING"			NAVIGATION SETTING
"GO"	EATING	TRAVEL	